

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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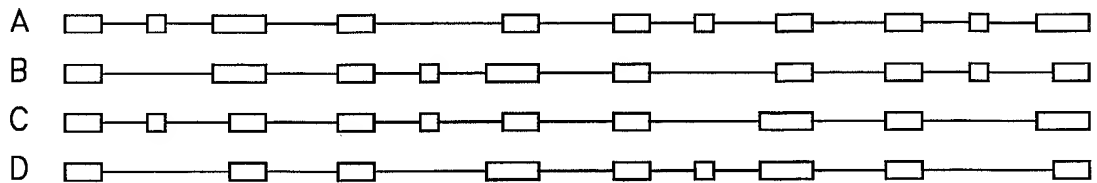


FIG. 1

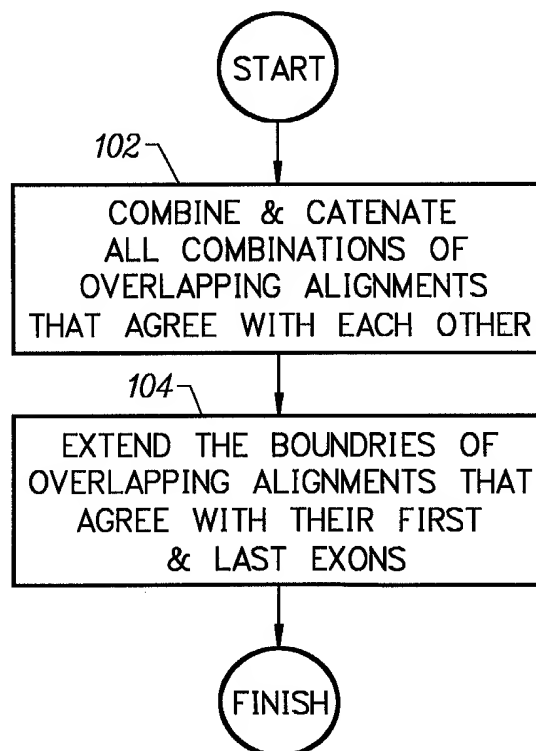
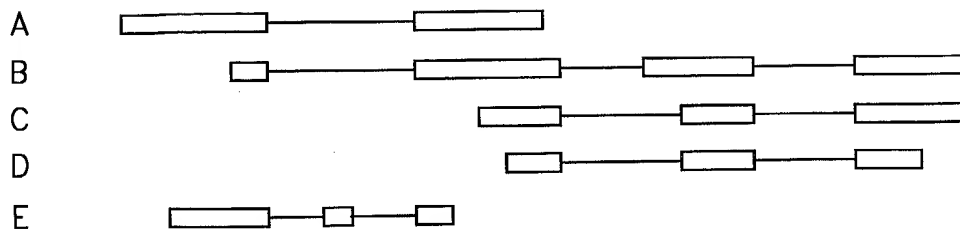


FIG. 2

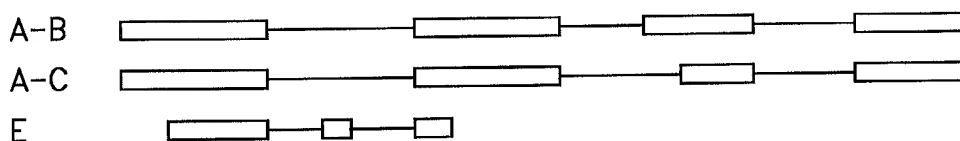
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Input:



After Step 1:



After Step 2:

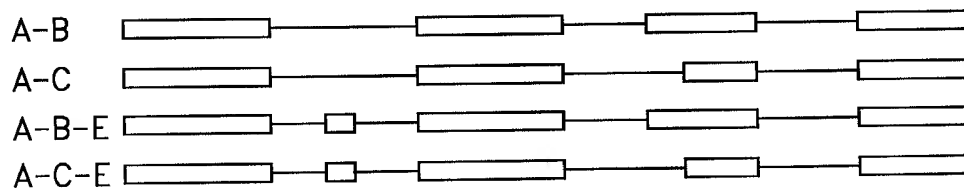


FIG. 3

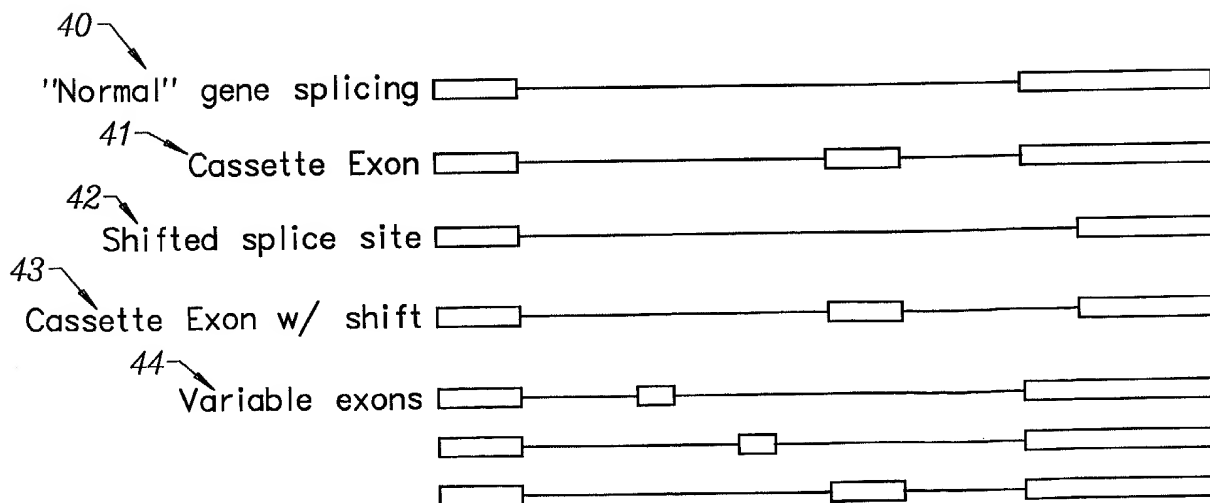


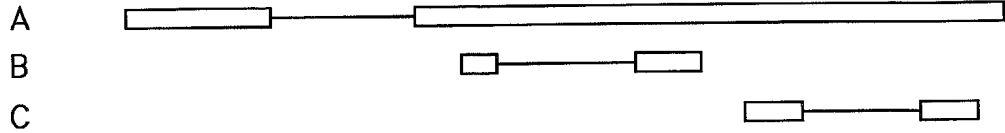
FIG. 4

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|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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Input:



After Combining:

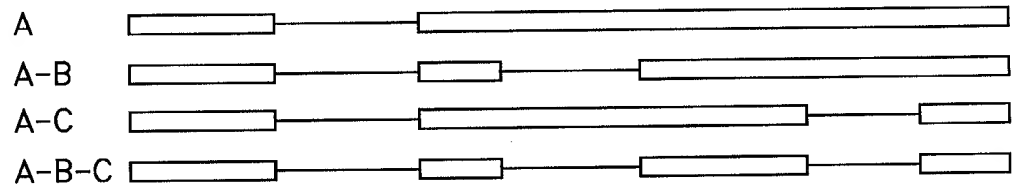
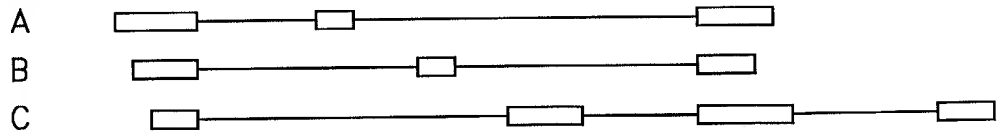


FIG. 5

Input:



After Combining  
(3 examples):

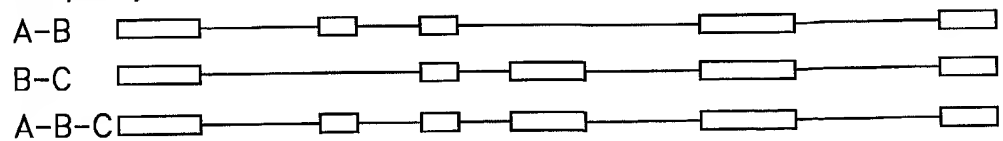


FIG. 6

09747440-033001

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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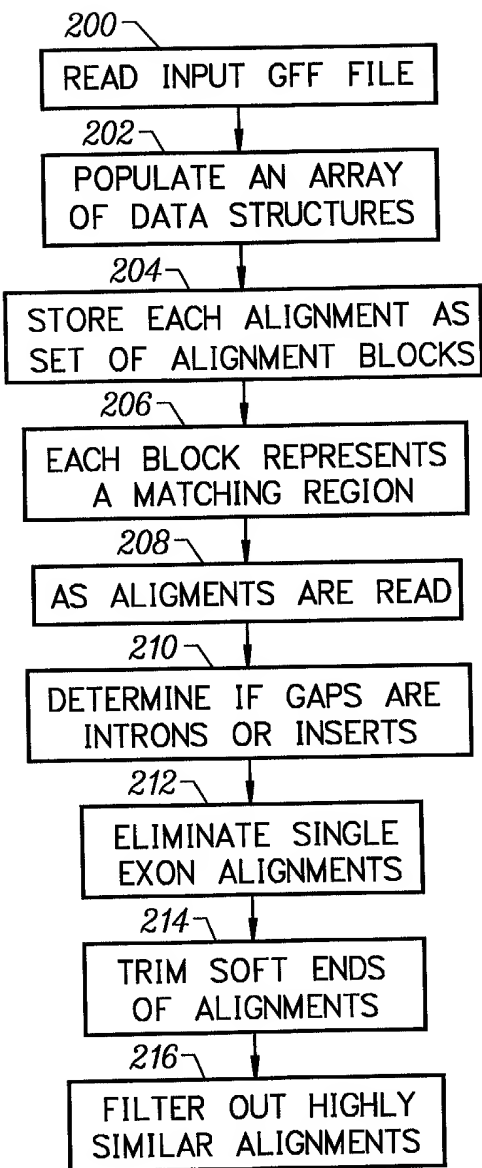
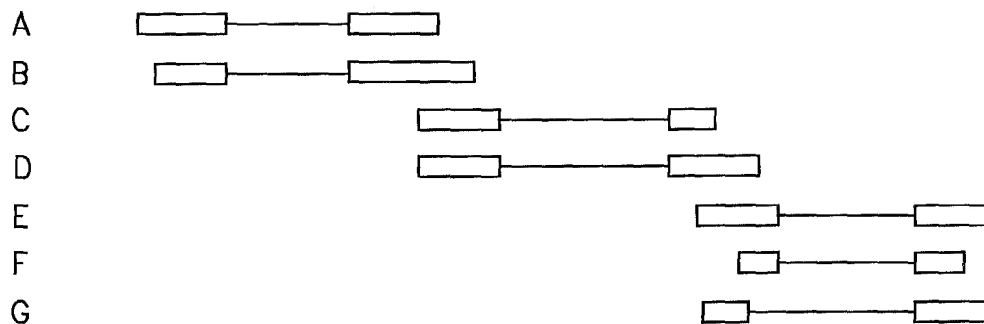


FIG. 7

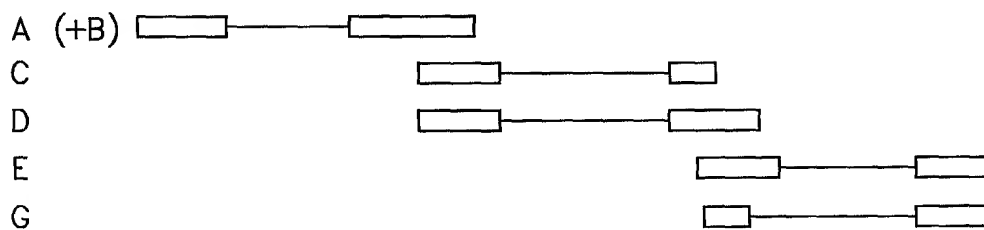
|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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Input:



After Filtering:



After Merging:



FIG. 8

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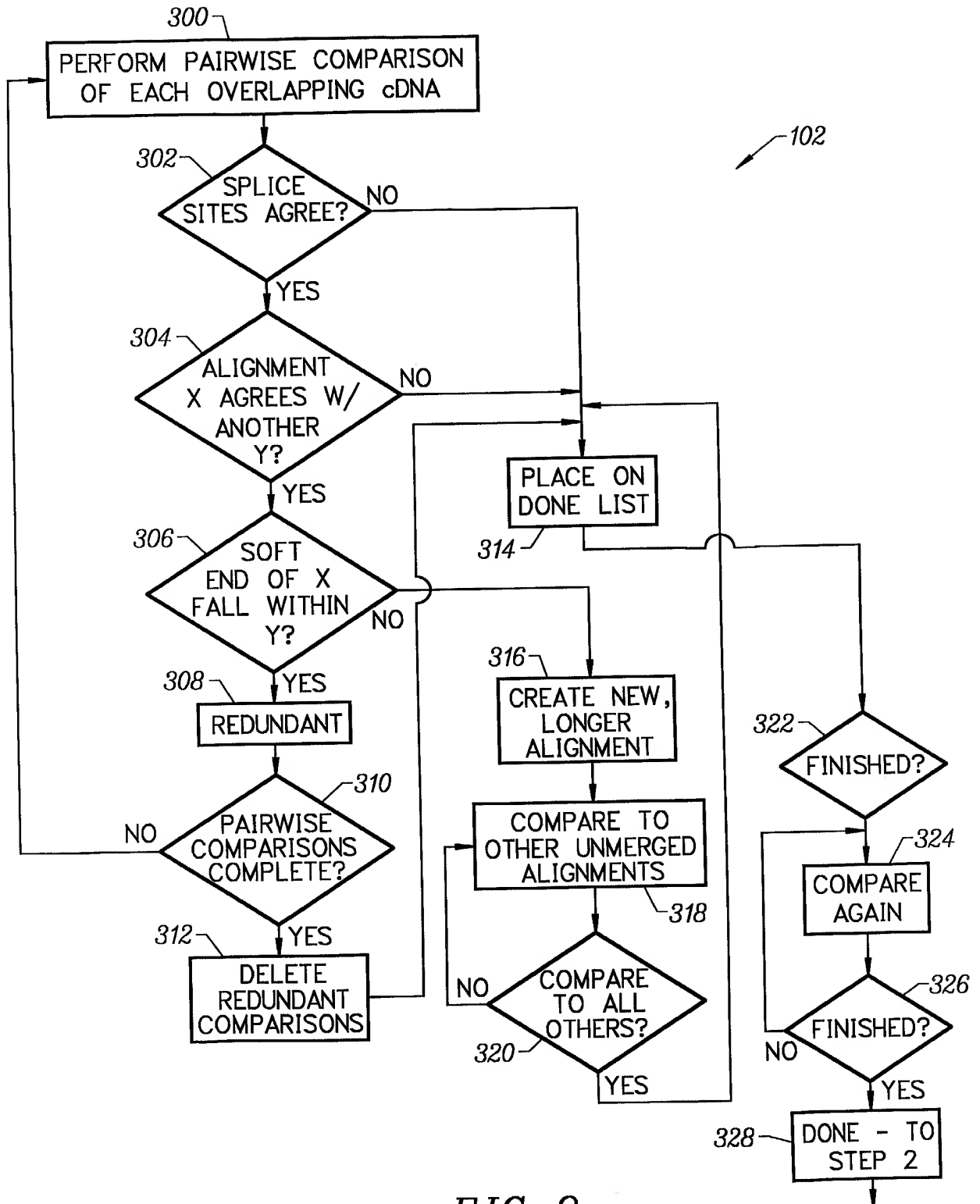
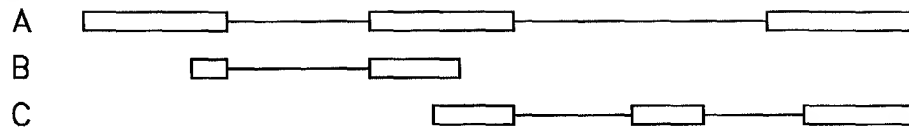


FIG. 9

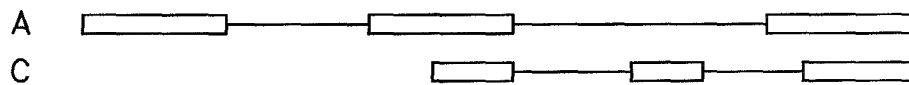
|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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Input:



Results if alignment B  
is discarded early:



Results if alignment B  
is discarded later:

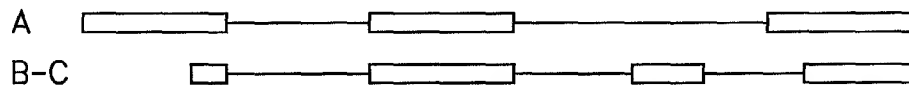


FIG. 10

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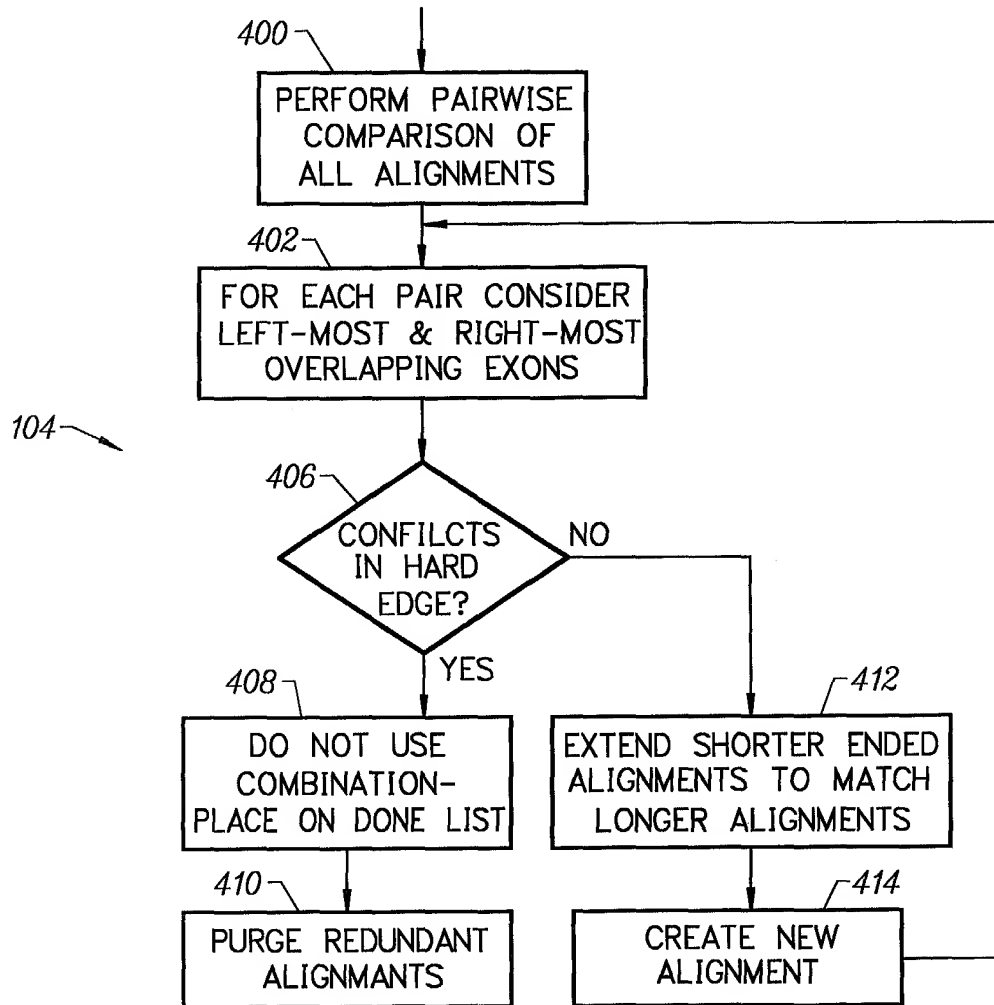


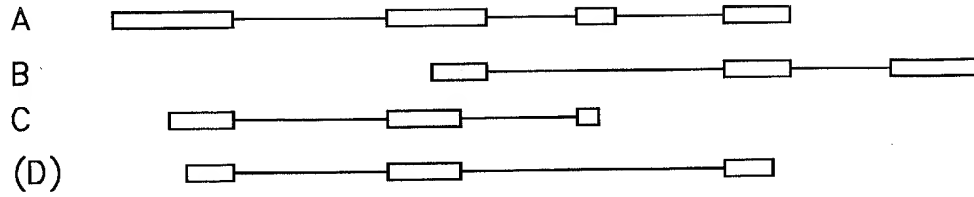
FIG. 11



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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After Merging:



After Extending:

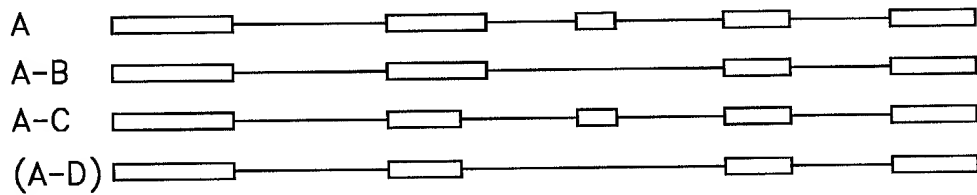
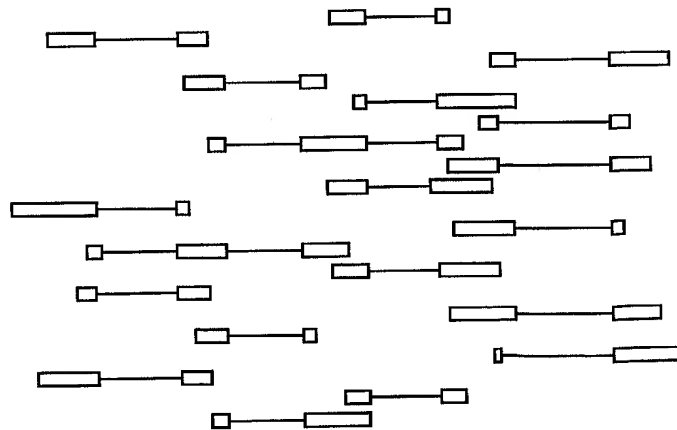


FIG. 12

Input:



Output:



FIG. 13

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